



AMPMODU | AMPMODU HE 13/HE 14

TE Internal #: 188744-1

Socket Contact, Tin (Sn), Locking Lance Contact Retention, Discrete Wire, 28 – 24 AWG, .08 – .24 mm<sup>2</sup> Wire, 160 – 404 CMA, Crimp, AMPMODU HE 13/HE 14

[View on TE.com >](#)

Connectors > Contacts > Connector Contacts > HE13/HE14 Contacts



Contact Type: **Socket**

Contact Mating Area Plating Material: **Tin (Sn)**

Wire Contact Termination Area Plating Material: **Tin**

Contact Retention Within Housing: **With**

Contact Retention Type Within Housing: **Locking Lance**

[All HE13/HE14 Contacts \(4\)](#)

## Features

### Product Type Features

|                    |                   |
|--------------------|-------------------|
| Discrete Wire Type | Solid or Stranded |
| Sealable           | No                |

### Configuration Features

|                                   |               |
|-----------------------------------|---------------|
| Compatible With Wire & Cable Type | Discrete Wire |
|-----------------------------------|---------------|

### Contact Features

|   |                              |
|---|------------------------------|
| Contact Orientation                             | Straight                     |
| Contact Mating Area Plating Material Thickness  | 1.54 – 2.54 μm[60 – 100 μin] |
| Mating Square Post Dimension                    | .63 mm[.024 in]              |
| Contact Length                                  | 13.1 mm[.516 in]             |
| Wire Contact Termination Area Plating Thickness | 1.5 – 2.5 μm                 |
| Barrel Type                                     | Open                         |
| Contact Type                                    | Socket                       |



|  |                 |
|--|-----------------|
| Contact Mating Area Plating Material           | Tin (Sn)        |
| Wire Contact Termination Area Plating Material | Tin             |
| Contact Retention Within Housing               | With            |
| Contact Base Material                          | Phosphor Bronze |
| Contact Current Rating (Max)                   | 3 A             |

### Termination Features

|                                    |              |
|------------------------------------|--------------|
| Termination Method to Wire & Cable | Crimp        |
| Product Terminates To              | Wire & Cable |

### Mechanical Attachment

|                                       |               |
|---------------------------------------|---------------|
| Wire Insulation Support               | With          |
| Contact Retention Type Within Housing | Locking Lance |

### Dimensions

|                                      |                              |
|--------------------------------------|------------------------------|
| Compatible Insulation Diameter Range | .8 – 1.5 mm [.032 – .059 in] |
| Wire Size                            | 160 – 404 CMA                |

### Usage Conditions

|                             |                             |
|-----------------------------|-----------------------------|
| Operating Temperature Range | -40 – 100 °C [-40 – 212 °F] |
|-----------------------------|-----------------------------|

### Operation/Application

|                     |        |
|---------------------|--------|
| Circuit Application | Signal |
|---------------------|--------|

### Packaging Features

|                    |          |
|--------------------|----------|
| Packaging Quantity | 20000    |
| Packaging Method   | Reel/Box |

### Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

|   |   |
|---|---|
| EU RoHS Directive 2011/65/EU                  | Compliant   |
| EU ELV Directive 2000/53/EC                   | Compliant   |
| China RoHS 2 Directive MIIT Order No 32, 2016 | No Restricted Materials Above Threshold   |
| EU REACH Regulation (EC) No. 1907/2006        | Current ECHA Candidate List: JAN 2025 (247)<br>Candidate List Declared Against: JAN 2025 (247)<br>Does not contain REACH SVHC |
| Halogen Content                               | Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC  |

Free

Solder Process Capability

Not applicable for solder process capability

Product Compliance Disclaimer

This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: <https://echa.europa.eu/guidance-documents/guidance-on-reach>

### Compatible Parts



TE Part # CAT-AM74-H3401F  
HE13/HE14 Crimp Housings



TE Part # 2151233-1  
OCEAN\_2.0\_Applicator-S-042F062F-RSM



TE Part # 2305570-1  
Strip Terminal Cutter-Side Feed-No Crimp



TE Part # 2151233-2  
OCEAN\_2.0\_Applicator-S-042F062F-RSA




KIT  
REPRESENTATION ONLY

TE Part # 7-2151233-7  
OCEAN\_2.0\_SPARE\_PART\_KIT-042F062F




TE Part # 2063880-1  
SDE F HE13 HE14 28-24 ASSY

### Also in the Series | AMPMODU HE 13/HE 14




Connector Contacts(4)



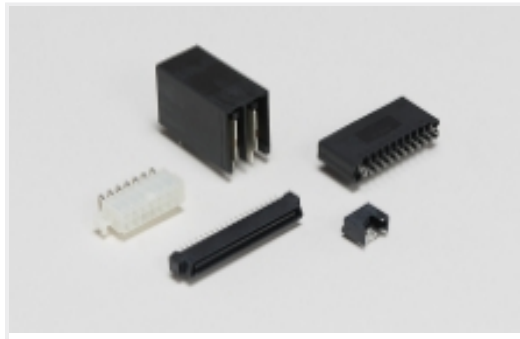
Insertion & Extraction Tools(1)



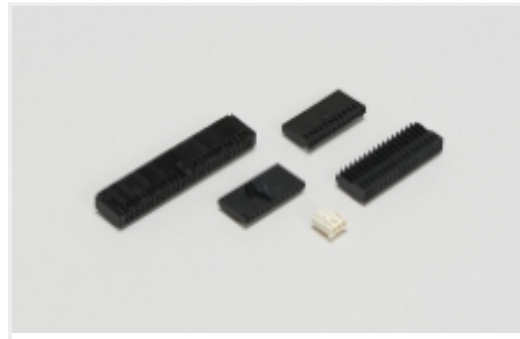
PCB Headers & Receptacles(66)



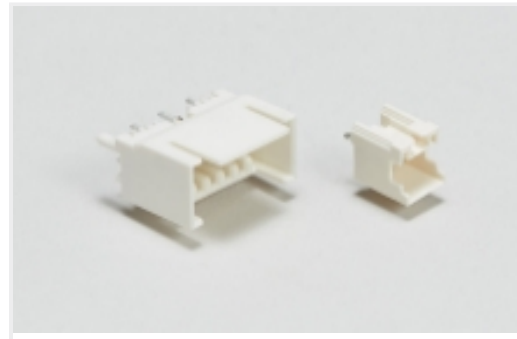
Rectangular Connector Housings(16)



Standard Rectangular Connectors(55)

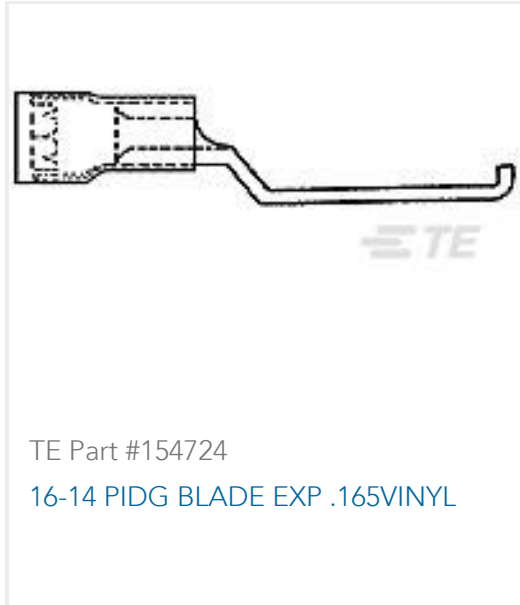


Wire-to-Board Connector Assemblies & Housings(3)



Wire-to-Board Headers & Receptacles (66)

## Customers Also Bought



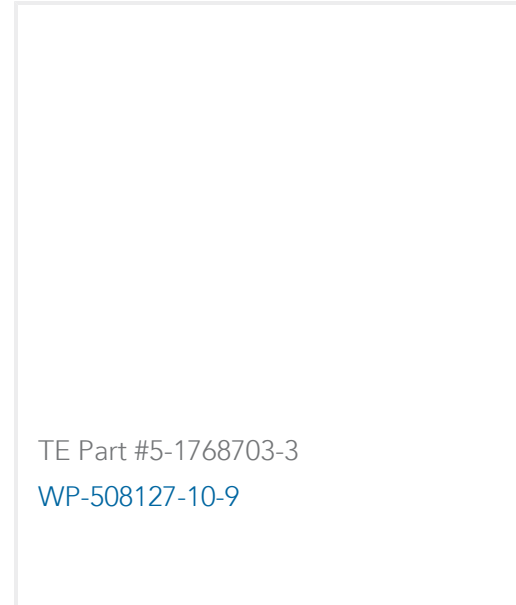
TE Part #154724  
16-14 PIDG BLADE EXP .165VINYL



TE Part #4-640428-3  
13P MTA156 CONN ASSY 22AWG RED



TE Part #CAT-AM74-H3401F  
HE13/HE14 Crimp Housings



TE Part #5-1768703-3  
WP-508127-10-9

## Documents

### Product Drawings

[CONTACT REC HE14 COSI TIN PLATED](#)

English

### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_188744-1\\_P1.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_188744-1\\_P1.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_188744-1\\_P1.3d\\_stp.zip](#)

English

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### Product Specifications

[Application Specification](#)

English